

FIG. 1

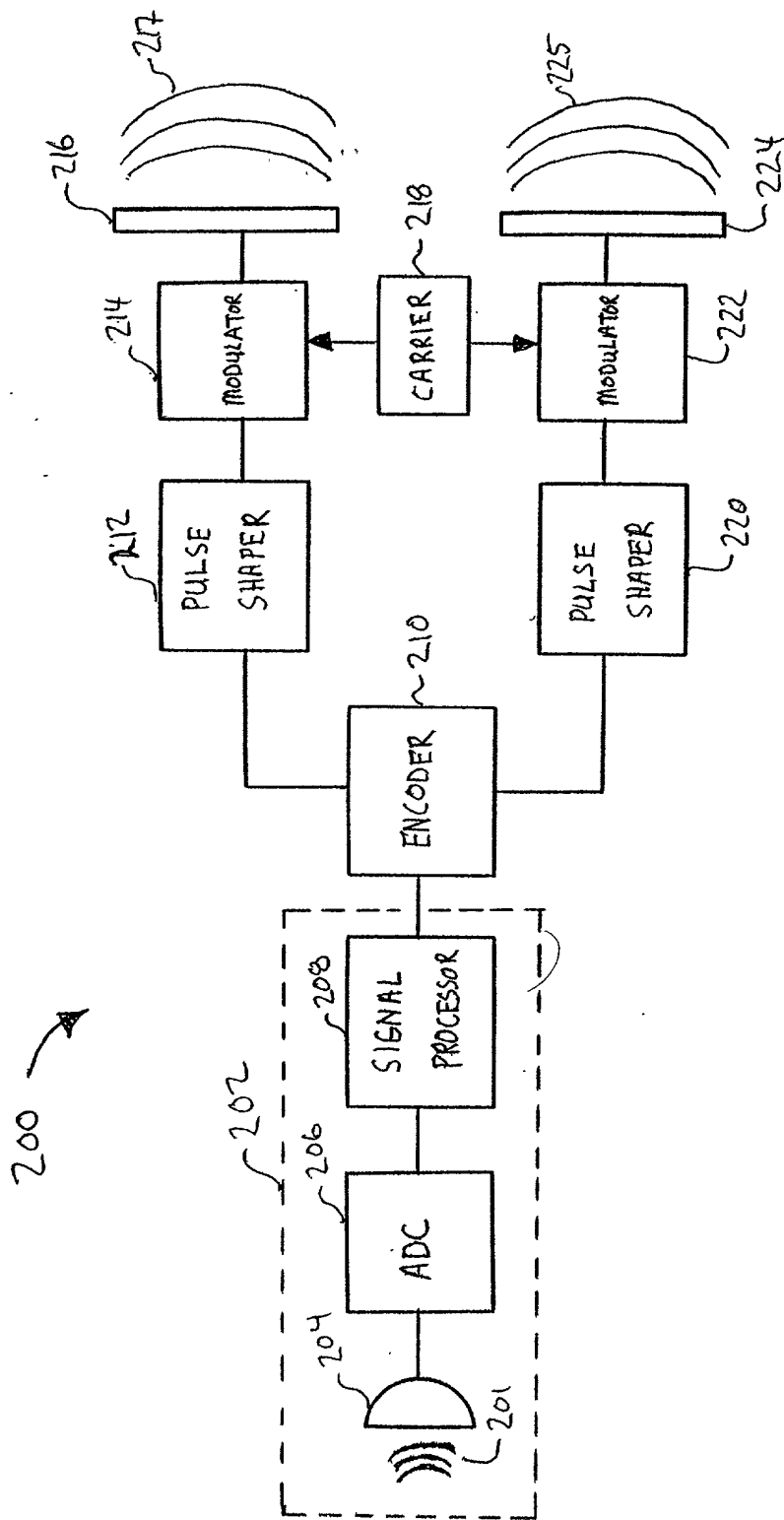


FIG. 2

300

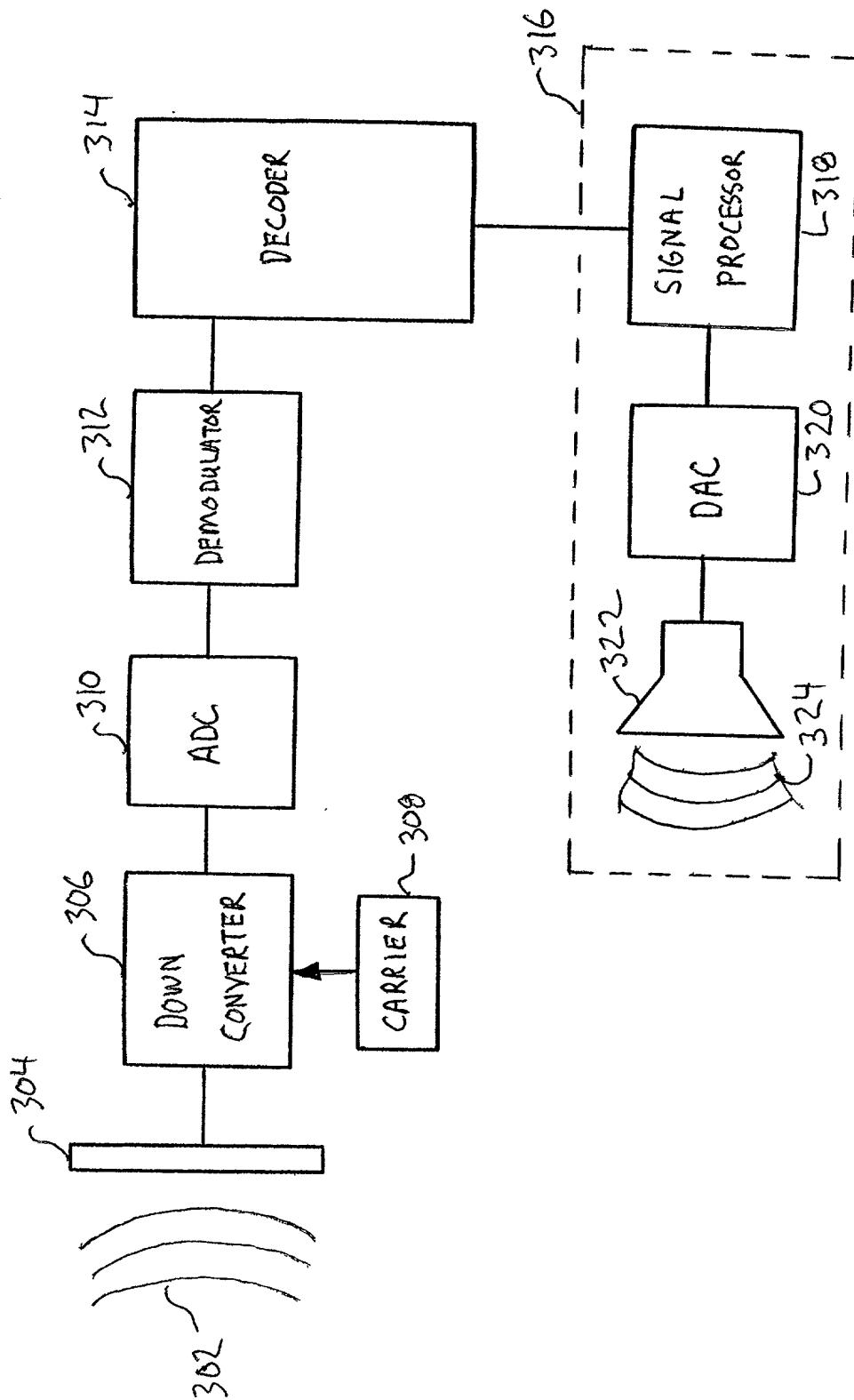


FIG. 3

400

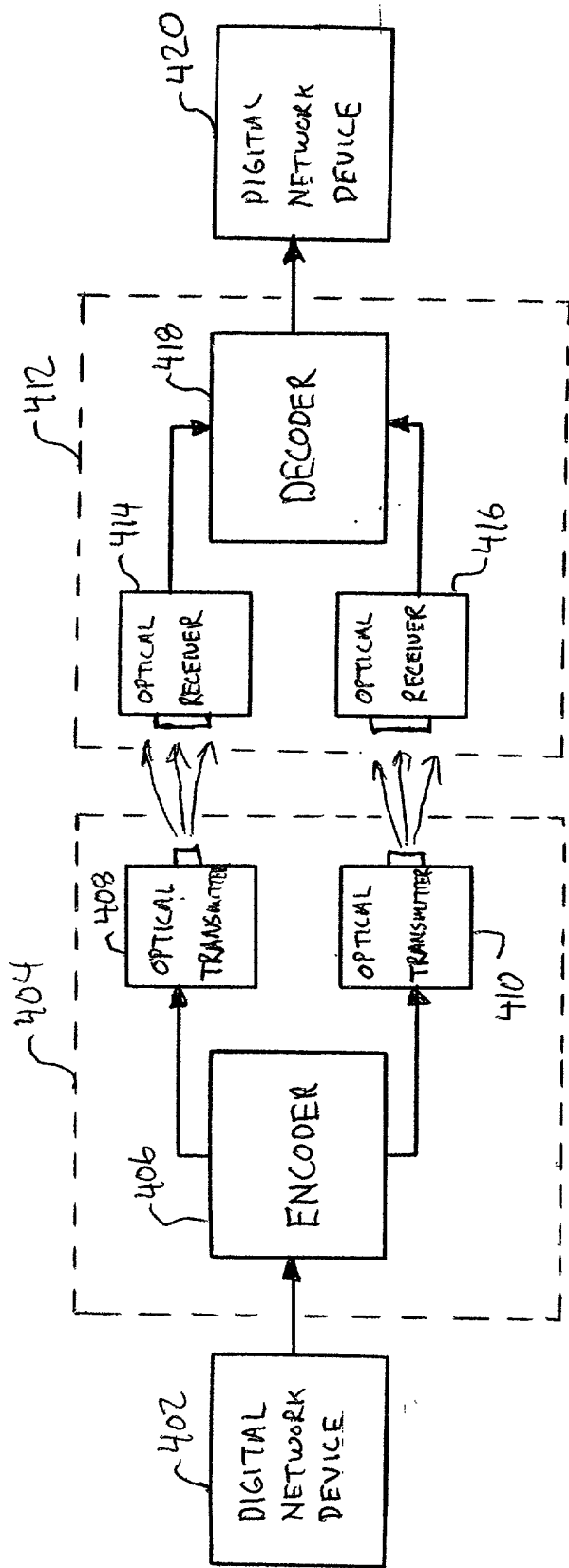


FIG. 4

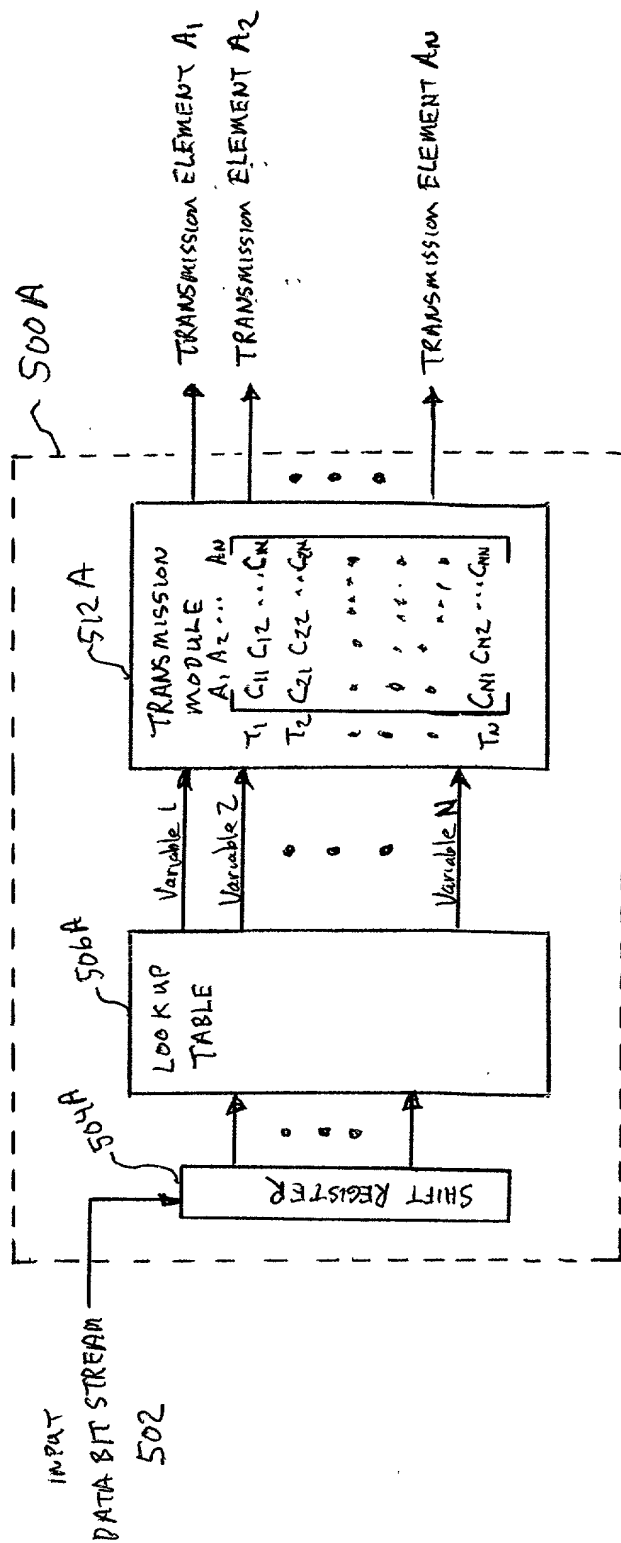


FIG. 5A

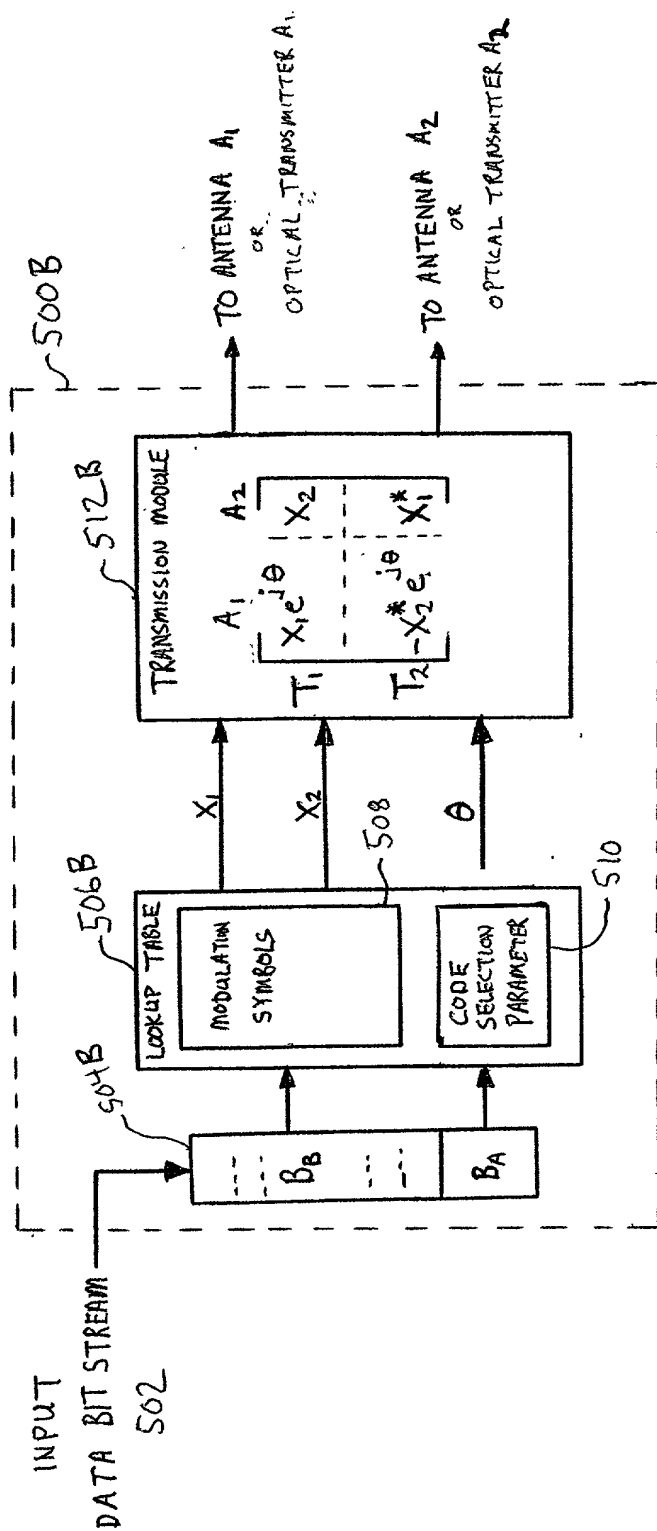


FIG. 5B

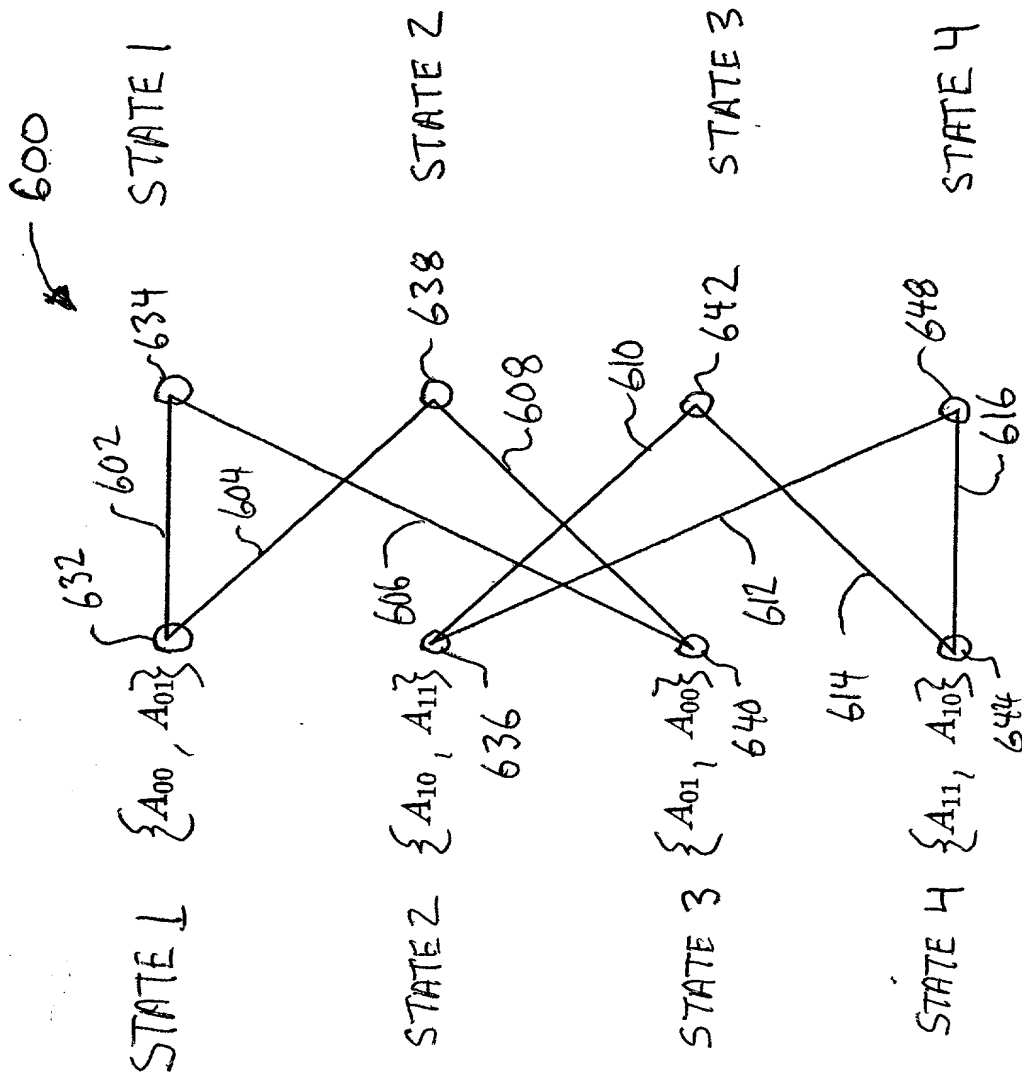


FIG. 6

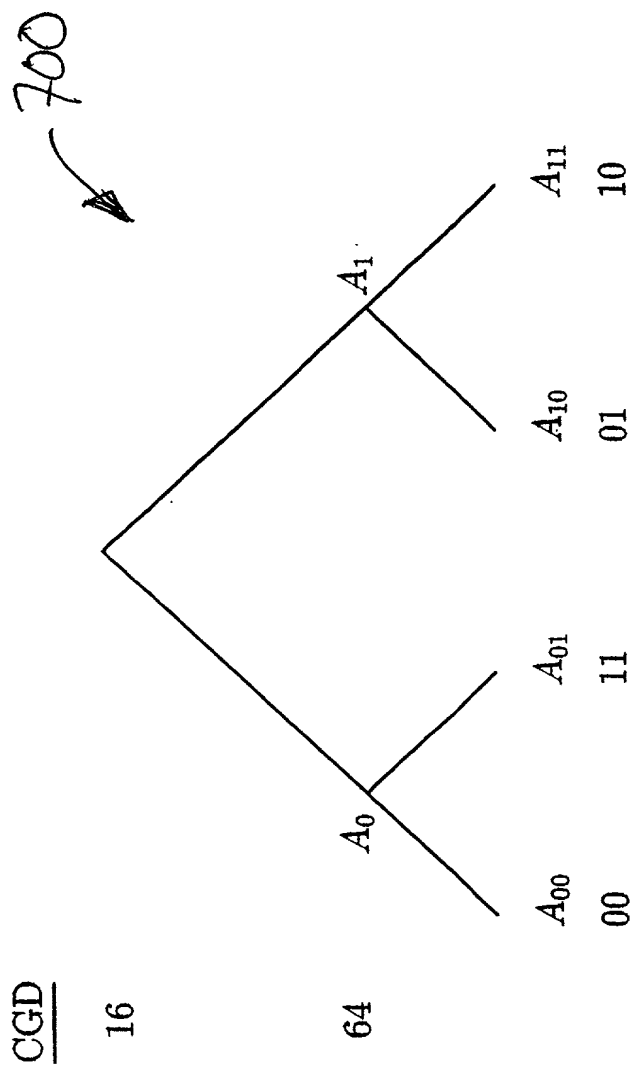


FIG. 7



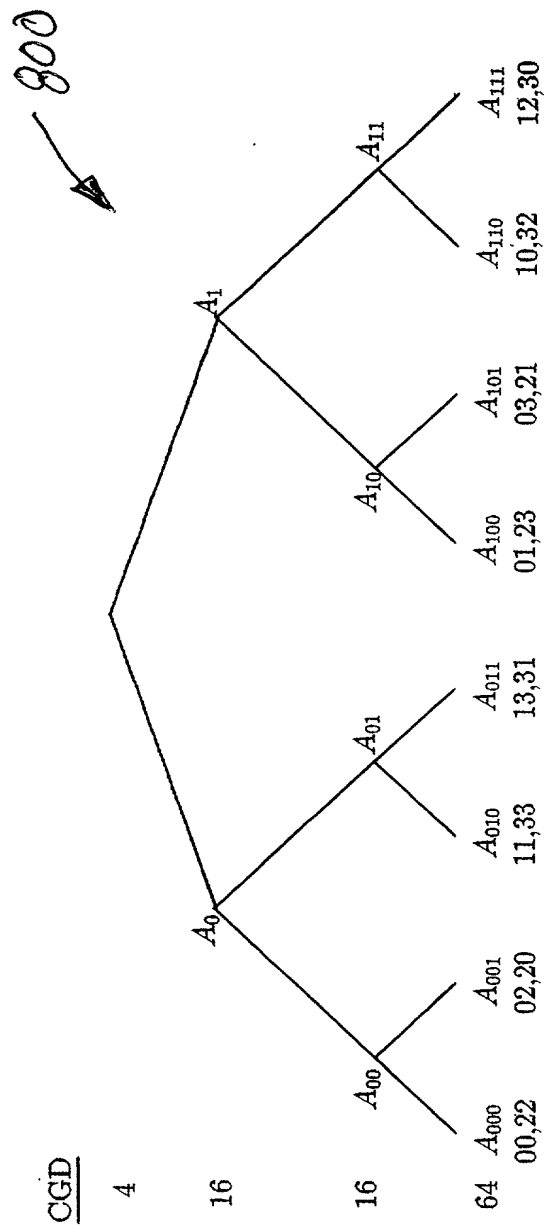


FIG. 8



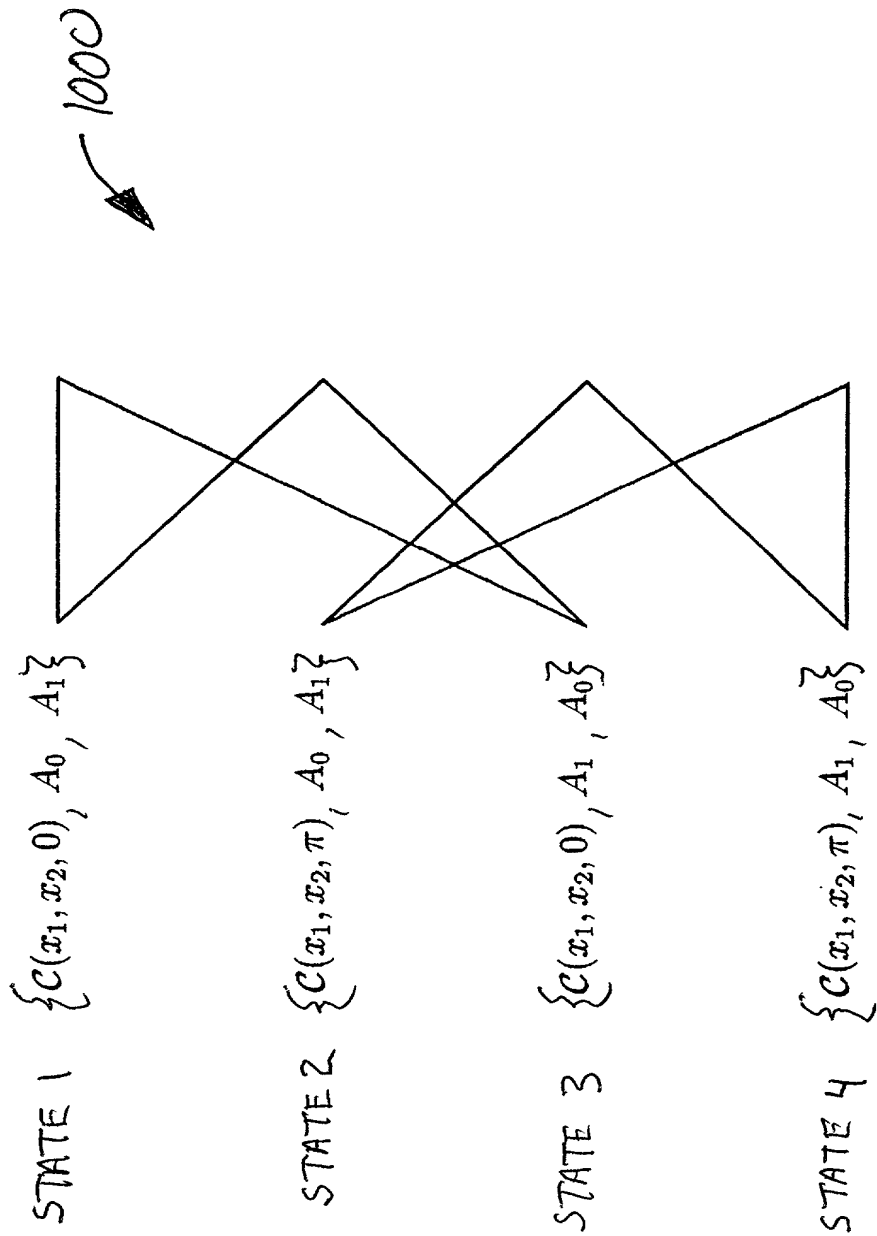


FIG. 10

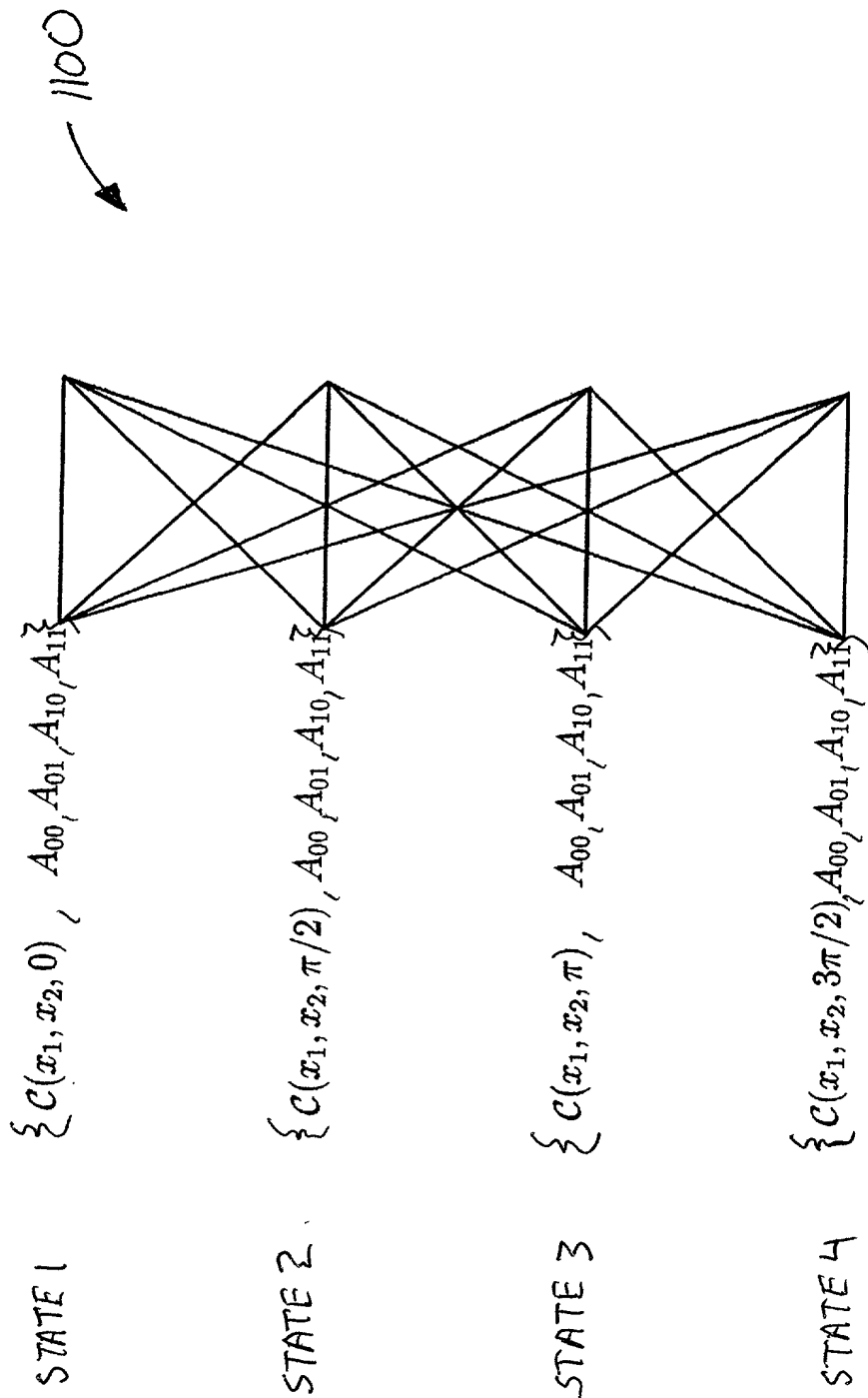


FIG. 11

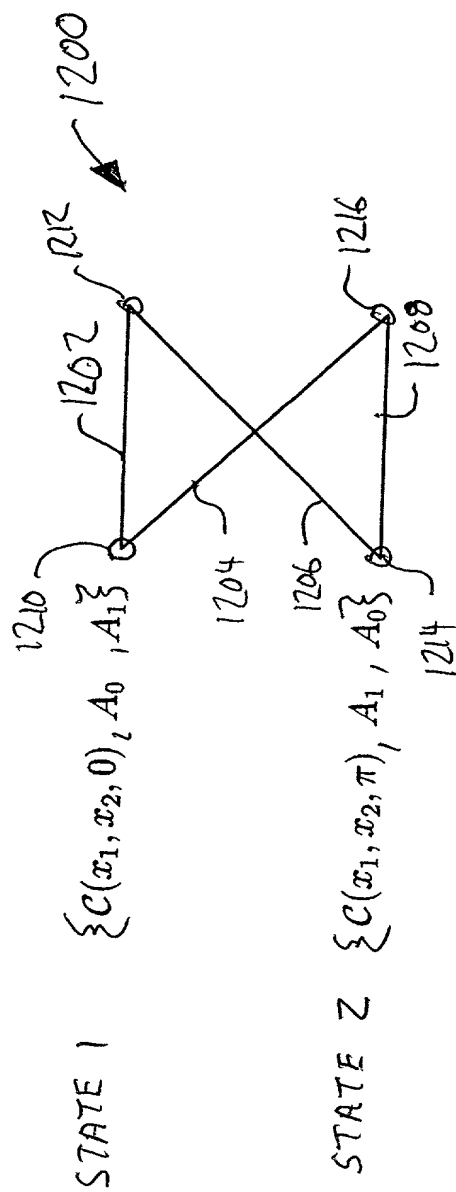
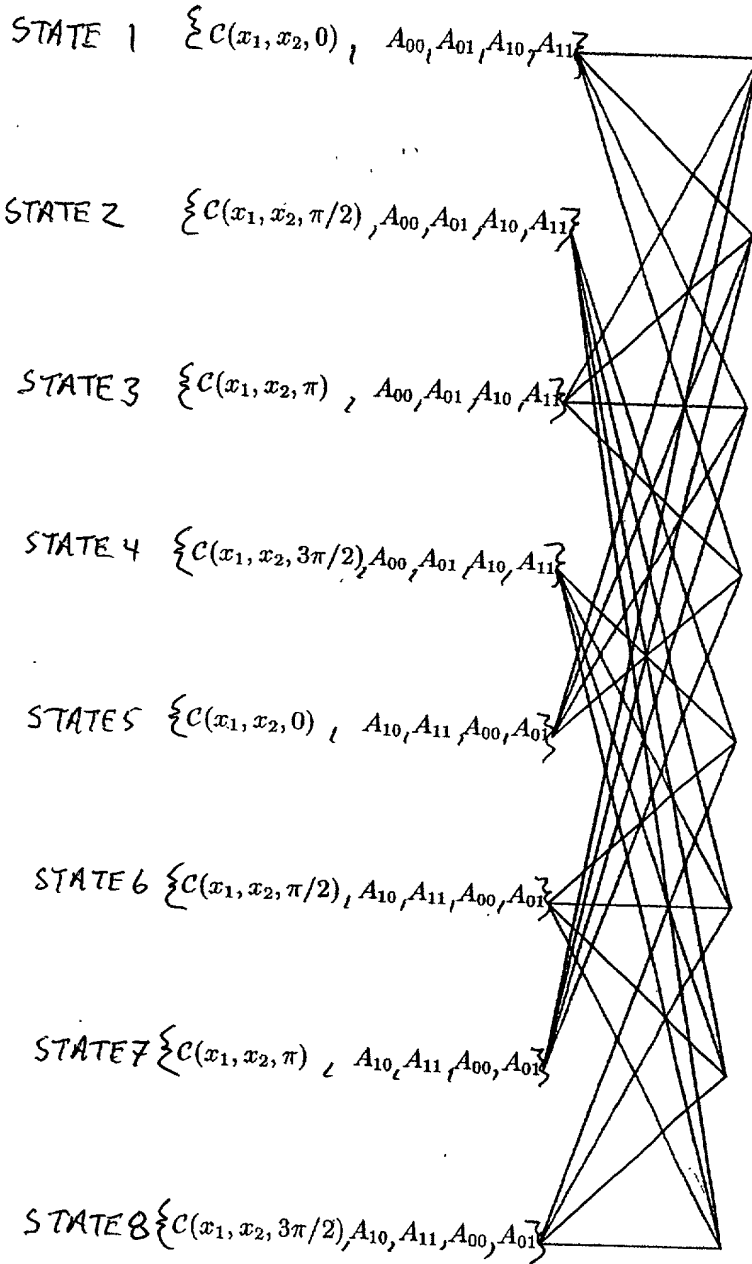


FIG. 12



1300

FIG. 13

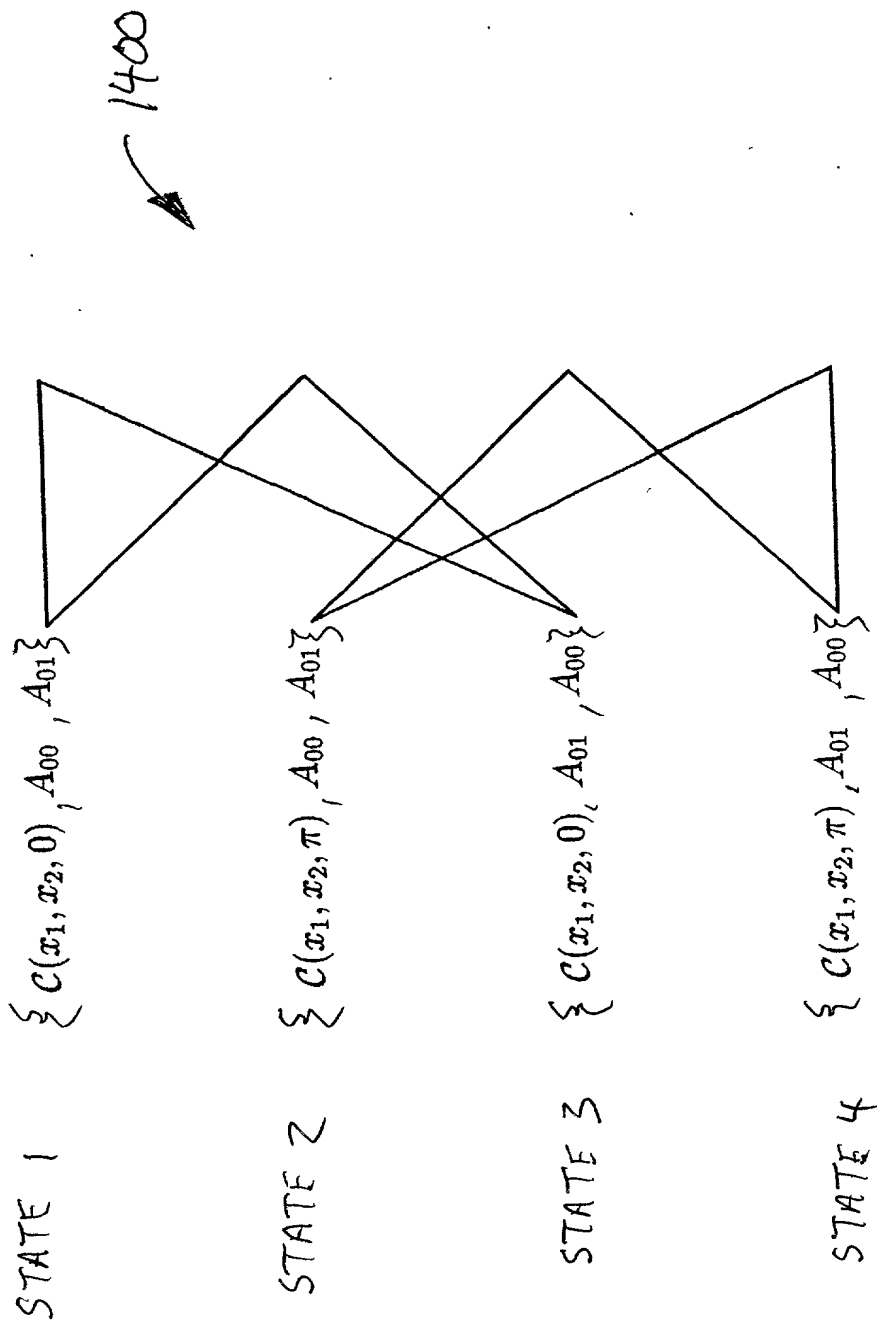


FIG. 14

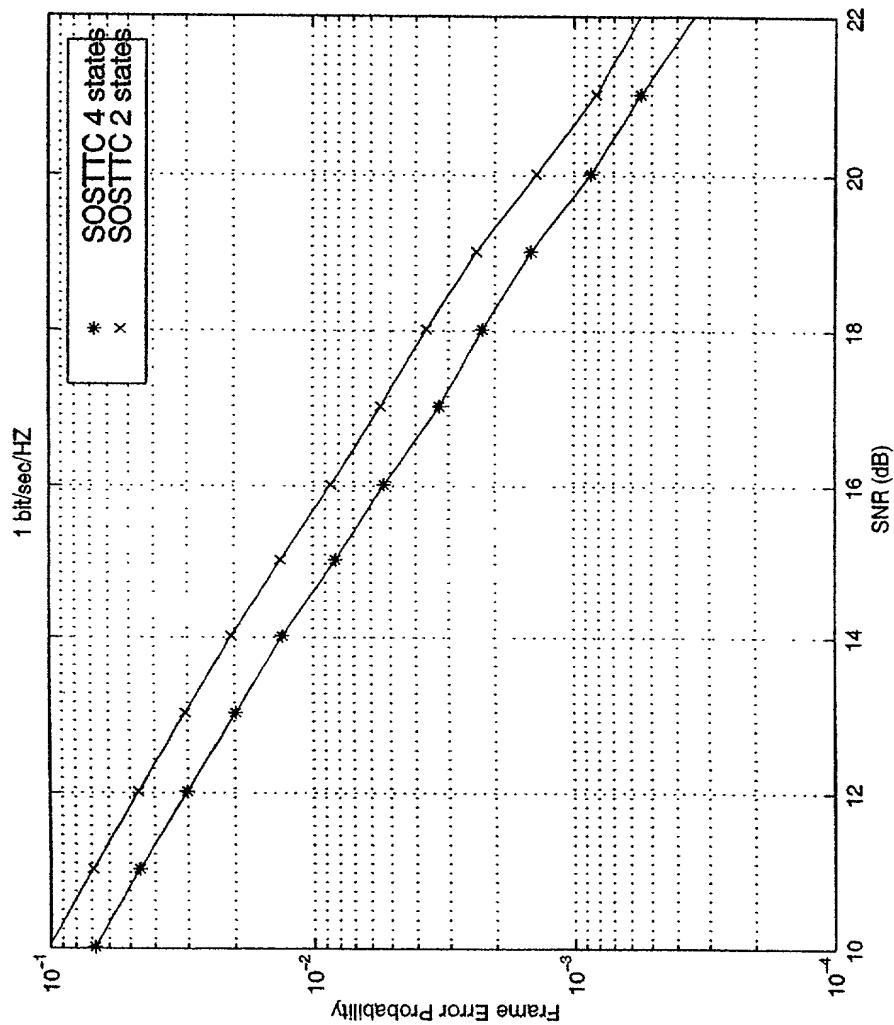


FIG. 15



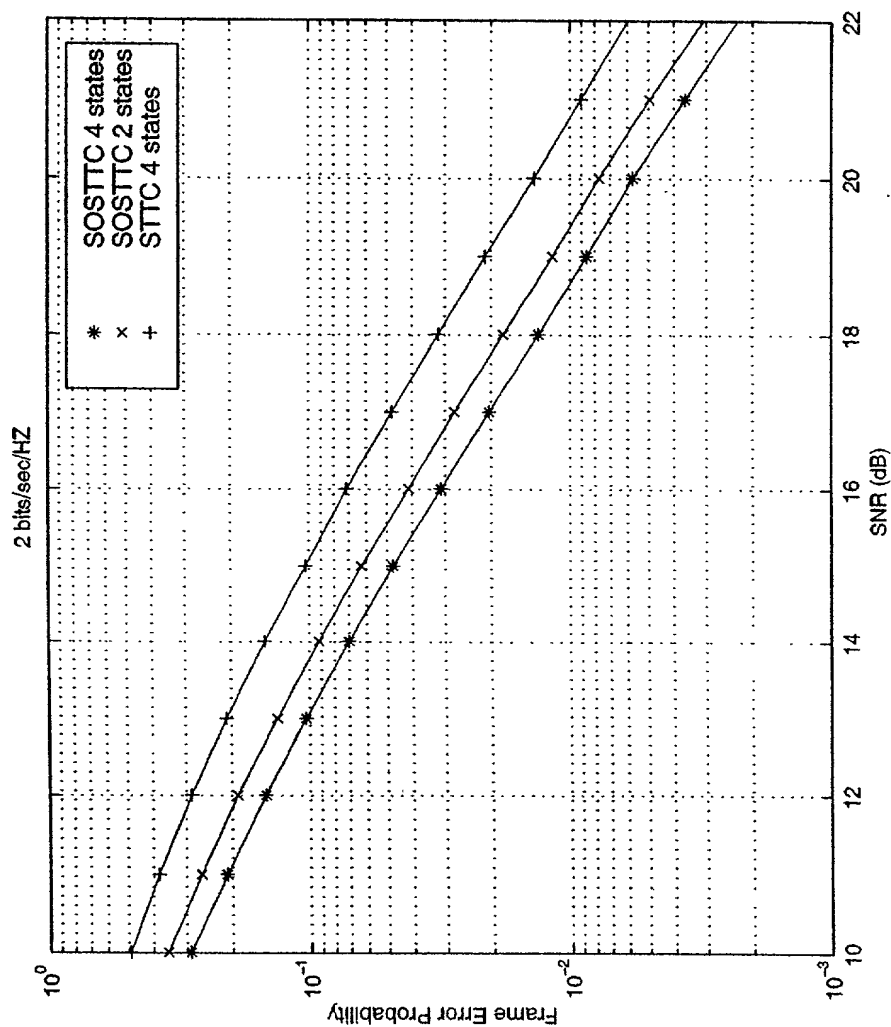


FIG. 16

METHOD FOR DESIGNING A SUPER-ORTHOGONAL SPACE-TIME TRELLIS CODE FOR A DIVERSE TRANSMISSION COMMUNICATIONS SYSTEM

1700

SELECT A DIVERSITY FACTOR FOR THE COMMUNICATIONS SYSTEM

~1710

SELECT A RATE FOR THE COMMUNICATIONS SYSTEM

~1720

SELECT A NUMBER OF STATES FOR THE CODE

~1730

A

FIG. 17A

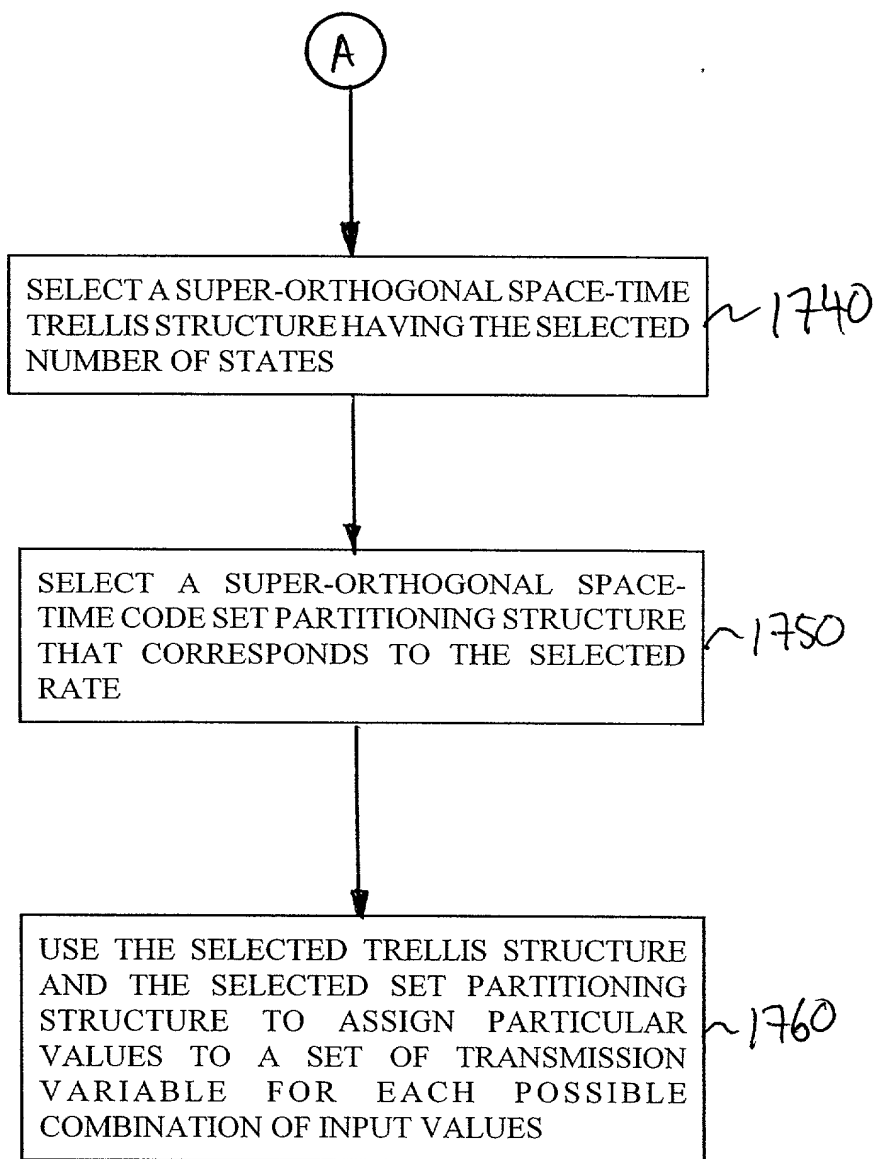


FIG. 17B